

AIMS Mathematics Blueprints (beginning with the 2010 Assessments)

Strand/Concept	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	HS
1. Number and Operations	42%	40%	37%	34%	25%	18%	6%
1.1 Number Sense	17%	16%	16%	13%	7%	6%	6%
1.2 Numerical Operations	20%	18%	15%	15%	12%	6%	
1.3 Estimation	6%	6%	6%	6%	6%	6%	
2. Data Analysis/Prob/Discrete	12%	12%	18%	18%	19%	18%	14%
2.1 Data Analysis (Statistics)	6%	6%	6%	6%	6%	6%	5%
2.2 Probability	0%	5%	6%	6%	7%	6%	5%
2.3 Systematic Listing and Counting	6%		6%	6%	6%	5%	5%
2.4 Vertex-Edge Graphs							
3. Patterns/Algebra/Functions	17%	18%	16%	16%	19%	26%	33%
3.1 Patterns	6%	7%	6%	6%	6%	9%	5%
3.2 Functions and Relationships	11%	0%	0%				7%
3.3 Algebraic Representations		10%	10%	10%	13%	12%	16%
3.4 Analysis of Change	0%					6%	5%
4. Geometry and Measurement	18%	19%	15%	19%	22%	24%	33%
4.1 Geometric Properties	9%	7%	7%	6%	13%	6%	13%
4.2 Transformation of Shapes		0%	0%			6%	5%
4.3 Coordinate Geometry	0%	6%	0%	6%	0%	6%	8%
4.4 Measurement	9%	6%	7%	7%	9%	6%	7%
5. Structure and Logic	11%	12%	13%	13%	15%	15%	14%
5.1 Algorithms and Algorithmic Thinking	11%	12%	13%	13%	15%	15%	14%
5.2 Logic, Reasoning, Prob Solving, & Proof							